

USER/Human and Animal Physiology (Normal and Pathological)
Physiology of Work and Sport

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Abs Jour : Ref Zhur Biol., No 6, 1959, 27164

Author : Novozhilova, A.D.

Inst : Academy of Pedagogical Sciences RSFSR

Title : The Fluctuations of Blood Pressure under Influence of
Competitive Sports.

Orig Pub : Izv. Akad. ped. nauk RSFSR, 1958, vyp. 93, 47-58

Abstract : Blood pressure in teen-age boys and girls of 15-18 years
of age, participants in cycling was measured by arterial
oscillograph. In the majority, after the finish, the
maximum pressure was increased and the minimum decreased.
The median pressure in some cases increased and in others
decreased. In 63 individuals, the influence of running
for distances of 100 and 400 m was measured $\frac{1}{2}$ -2 min later,

Card 1/2

USER/Human and Animal Physiology (Normal and Pathological)
Physiology of Work and Sport

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NOVOZHILOVA, A.N.

Changes in the zooplankton of the Sea of Azov due to altered hydro-chemical conditions. Trudy VNIRO 31:199-216 '55. (MIRA 11:6)

1. Azovo-Chernomorskiy nauchnyy institut rybnogo khozyaystva.
(Azov, Sea of--Zooplankton) (Salinity)

Novozhilova, A. P., Cand of Agri Sci — (diss) "Some Special Features of the
Germination of Seeds of Annual Feed Crops Under Laboratory and Field Conditions,"
Kirov, 1959, 23 pp (All-Union Scientific Research Institute for Feed in V. R.
Vil'yams) (KL, 8-60, 118)

GOL'NEV, V.Ya.; NOVOZHILOVA, G.G.; PARLYSKIY, Yu.N.

Determining the declinations of certain extragalactic radio sources
by means of the large radio telescope at Fulkovo. Izv.vys.ucheb.
zav.; radiofiz. 8 no.1:183-185 '65. (MIRA 18:6)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.

L 10596-63

EWP(q)/BDS/EWT(m)

AFFTC/ASD

Pg-4 WH

ACCESSION NR: AP3000968

S/0072/63/000/006/0015/0019

AUTHOR: Denkina, L. I. (Dr. of technical sciences); Novozhilova, I. D. (Junior scientific worker); Sinikas, R. I. (Technician)

TITLE: Volatility of optical glasses 5

SOURCE: Steklo i keramika, no. 6, 1963, 15-19

TOPIC TAGS: volatility of optical glasses

ABSTRACT: Authors measured the losses of optical glasses due to volatility. This was done by heating the glass sample in a furnace and periodically weighing the glass-containing crucible which is suspended from one of the balance beams of an analytical balance. The glass samples were heated in a platinum furnace for 2 or 4 hours at 1100-1400 degrees. Air feed was 1 meter per second. The weight losses in the sample, related to unit of glass surface and holding time, served as a numerical characteristic of the glass's volatility as well as its property. A detailed description of the measurements is given and volatility as a function of temperature is shown on curves. Formulas are also presented for calculating the volatility. Orig. art. has: 6 figures, 2 tables and 2 formulas.

Card 1/1

LEBEDEVA, A.I.; NOVOZHILOVA, I.V.

Rapid micromethod for determining sulfur in monomeric and polymeric organic compounds in the presence of halogens, nitrogen, and alkali metals. Zhur.anal.khim. 16 no.2:222-225 Mr-Apr '61. (MIRA 14:5)

1. Institute of High-Molecular Weight Compounds, Academy of Sciences U.S.S.R., Leningrad.

(Sulfur—analysis)
(Sulfur organic compounds)

S/171/62/015/005/003/008
E075/E592

AUTHORS: Lebedeva, A.I. and Novozhilova, I.V.
TITLE: Determination of phosphorus in monomeric and polymeric organic compounds by a volumetric method
PERIODICAL: Akademiya nauk Armyanskoy SSR. Izvestiya. Seriya khimicheskikh nauk. v.15, no.5, 1962, 423-427
TEXT: P was determined in the presence of halogenide, sulphate and nitrate ions by the Bennowitz-Tanzer method, i.e. by precipitating PO_4^{3-} with ammoniacal MgCl_2 solution and back titrating the excess MgCl_2 with complexon III ($\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2\text{H}_2\text{O}$). The authors modified the method by using Seignette salt instead of $\text{Ca}(\text{CN})_2$ to mask the interfering ions and by adding the indicator (eriochrom black T) not as a powder but in the form of a solution in triethanolamine. The back titration was conducted without separating the precipitate. The combustion was carried out in a flask filled with O_2 , the products being absorbed in 10 ml of 1:2 HNO_3 . Ammonium persulphate was added to the P compounds to ensure complete combustion. Using
Card 1/2

Determination of phosphorus in ... S/171/62/015/005/003/008
E075/E592

the modified method P was determined in various polymeric organo-
phosphorus compounds with $\pm 0.3\%$ accuracy. There are 2 tables.

ASSOCIATION: Institut vysokomolekulyarnykh so'yedineniy AN SSSR
(Institute of High Molecular Weight Compounds AS
USSR)

SUBMITTED: July 19, 1962

Card 2/2

GEL'MAN, N.E.; KORSHUN, M.O. [deceased]; NOVOZHILOVA, K.I.

Analysis of fluorine organic compounds; use of pyrohydrolysis for the simultaneous micro determination of fluorine, carbon, and hydrogen. Zhur.anal.khim. 15 no.2:222-226 Mr-Apr '60.

(MIRA 13:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva.
 - (Fluorine organic compounds)
 - (Fluorine--Analysis)
 - (Carbon--Analysis)
 - (Hydrogen--Analysis)

GEL'MAN, H.E.; KORSHUN, M.O. [deceased]; NOVOZHILOVA, K.I.

Analysis of fluoroorganic compounds. Simultaneous microdetermination of fluorine, carbon, and hydrogen. Zhur.anal.khim. 15 no.3:342-346 My-Je '60. (MIRA 13:7)

1. Institute of Elemento-Organic Compounds, Academy of Sciences, U.S.S.R., Moscow.
(Fluorine--Analysis) (Carbon--Analysis)
(Hydrogen--Analysis)

07000

S/075/60/015/005/024/026/XX
B002/B056

11.2214

AUTHORS:

Gel'man, N. E., Korshun, M. O. (Deceased), and Novoznilova, K. I.

TITLE:

The Analysis of Organofluorine Compounds. The Simultaneous Micro Determination of Fluorine, Carbon and Hydrogen in Low-boiling and Gaseous Compounds

PERIODICAL:

Zhurnal analiticheskoy khimii, 1960, Vol. 15 No. 5 pp. 628-634

TEXT: The essential difficulty in the analysis of low-boiling compounds consists in the fact of having to determine an exactly weighed substance and conveying it without losses into the combustion tube. The authors show that substances with a boiling point of 20°C may still be weighed in an open quartz capillary - diameter of the opening from 0.2 to 0.3 mm - ; the losses e.g. at 3,3,3,2,1-pentafluoropropane (boiling point 20°C) amount to 0.024 mg per minute with a weighed portion of 4 mg. If the evaporation rate is known, the losses may be corrected in the time between

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85638

The Analysis of Organofluorine Compounds. The S/075/60/015/005/024/026/XX
 Simultaneous Micro Determination of B002/B056
 Fluorine, Carbon and Hydrogen in Low-
 boiling and Gaseous Compounds

the weighing and conveying into the combustion tube. The following substances were determined according to this method: 1-ethylfluoroisobutylene $C_6H_5F_7$; 1-bromine-2-hydroperfluoro-isobutane C_4HBrF_8 ; 3,3,3,1-tetrafluoro-2-trifluoromethylpropane $C_4H_3F_7$; 1,2-dihydroperfluoroisobutane $C_4H_2F_8$; 3,3,3,2,1-pentafluoro propane $C_4H_3F_5$. For substances with a lower boiling point (between $+20^\circ$ and $-45^\circ C$), an improved "opener" according to Yu. N. Dagayeva and K. I. Novozhilova was used. The substance is conveyed into a bulged capillary, whose outer walls are cooled by means of a freezing mixture. The capillary is sealed, weighed, and broken in the combustion tube by opening the oxygen faucet. The following substances were determined by means of this method: monohydroperfluoroisobutylene C_4HF_7 ; monohydroperfluoroisobutane C_4HF_9 ; 3,3,3,2,1-hexafluoropropane $C_3H_2F_6$; monohydroperfluoropropane C_3HF_7 ; 3,3,3,2-pentafluoropropane-1

Card 2/3

85638

The Analysis of Organofluorine Compounds. The Simultaneous Micro Determination of Fluorine, Carbon and Hydrogen in Low-boiling and Gaseous Compounds

S/075/60/015/005/024/026/XX
B002/B056

C_3HF_5 ; hexafluoroacoxymethane $C_2F_6N_2O$; trifluoronitromethane CF_3NO_2 ;
difluorochloromethane $CHClF_2$; 3,3,3-trifluoropropene-1 C_3HF_3 ;
1,1,2-trifluoroethene C_2HF_3 . For substances having a lower boiling point than $-45^{\circ}C$, an ordinary gas burette is used, by means of which the following substances were once again determined: hexafluoroacoxymethane, trifluoronitromethane, difluorochloromethane, 3,3,3-trifluoropropene-1, 1,1,2-trifluoroethene. There are 6 figures, 3 tables, and 18 references: 5 Soviet, 7 US, 5 British, and 1 German.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva
(Institute of Elemental-organic Compounds AS USSR, Moscow)

SUBMITTED: April 13, 1959

Card 3/3

MORACHEVSKIY, Yu.V.; SHIPUNOVA, L.G.; NOVOZHILOVA, L.D.

Coprecipitation of tungsten with ferric hydroxide. Uch. zap. LGU
no.297:58-62 '60. (MIRA 13:11)

(Tungsten)

(Iron hydroxide)

YEL'MEYEV, V.Ya., prepodavatel'; IVANOV-OMSKIY, I.I., prepodavatel'; KAZAKOV, A.P., prepodavatel'; NOVOZHILOVA, L.I., prepodavatel'; DROZDOV, A.V., prepodavatel'; KORNEYEV, M.Ya., prepodavatel'; BELYKH, A.K., prepodavatel'; YADOV, V.A., prepodavatel'; ROZHIN, V.P., prof., otv. red.; MIKHLIN, Ye.I., red.; VODOLAGINA, S.D., tekhn. red.

[Base and superstructure of a socialist society] *Bazis i nadstroika sotsialisticheskogo obshchestva.* Leningrad, Izd-vo Leningr. univ., 1961. 168 p. (MIRA 14:9)

1. Leningrad. Universitet. 2. Filosofskiy fakul'tet Leningradskogo gosudarstvennogo universiteta (for all except Rozhin, Mikhlin, Vodolagina)

(Economics)

AUTHORS: Boltaks, B. I., Prokhorova, V. M., 57-28-5-13/36
Novozhilova, L. I.

TITLE: Diffusion of Antimony in Germanium Alloyed With Antimony
(Diffuziya sur'my v germanii, legirovannom sur'moy)

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 5,
pp. 990-995 (USSR)

ABSTRACT: In this paper the authors communicated the results of the investigation of the antimony diffusion in monocrystalline germanium ingots, which had been alloyed with different amounts of antimony. These preliminary results are part of the general investigation conducted in the laboratory of the influence of the donor- and acceptor impurities on the diffusion processes in the semiconductor. The diffusion coefficients were measured in a wide temperature interval (from ~ 650 to $\sim 920^{\circ}\text{C}$) and in numerous samples (numbering 60). Table I and figures 1-4 show the obtained results from each series of samples with a uniform antimony content. The relative antimony content in germanium was too low as to result in a marked modifi-

Card 1/3

Diffusion of Antimony in Germanium Alloyed
With Antimony

57-28-5-13/36

ation of the lattice constant of germanium or of the eigenfrequency. For this reason the observed increase of D_0 can be attributed to the augmentation of the activation entropy ΔS . Apparently this is connected with the general increase of the system entropy, which is caused by the transition of the system from an ordered into a less ordered state, as the concentration of the impurities also leads to an increase of the concentration of vacancies in the lattice and therefore to an increase of disorder in the system (table 3, figure 8). The increase of activation energy observed with an increase of the antimony concentration does not fit into the usual conceptions on the character of the influence of the impurities on the binding energy of the lattice. Apparently factors as yet unknown play a rôle here. The modification of the free energy of the system possesses a minimum value at any temperature and at any arbitrary concentration, this value corresponding to the most stable state of the system at the respective concentration.

Card 2/3

Further experimental experience on the influence of low

Diffusion of Antimony in Germanium Alloyed
With Antimony

57-28-5-13/36

impurity concentrations on the diffusion processes will permit to determine the diffusion character in solids, in particular in semiconductors. There are 8 figures, 3 tables and 13 references, 10 of which are Soviet.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad
(Leningrad, Institute for Semiconductors, AS USSR)

SUBMITTED: August 17, 1957

1. Antimony--Diffusion 2. Antimony-germanium alloys
--Properties

Card 3/3

PODGORNEVA, A.I.; YERUKHIMOVICH, M.B., inzh.; NOVOZHILOVA, L.I., inzh.

Experience of a factory laboratory. Tekst.prom. 23 no.1:74
Ja '63. (MIRA 16:2)

1. Nachal'nik nauchno-issledovatel'skoy laboratorii Vitebskoy chulochno-trikotazhnoy fabriki imeni Kommunisticheskogo internatsionala molodezhi (for Podgorneva). 2. Nauchno-issledovatel'skaya laboratoriya Vitebskoy chulochno-trikotazhnoy fabriki imeni Kommunisticheskogo internatsionala molodezhi (for Yerukhimovich, Novozhilova).
(Dyes and dyeing—Knit goods)
(Ultrasonic waves—Industrial applications)

NOVOZHILOVA, L. L., Cand Med Sci -- (diss) "Foundation of basic hygienic normal standards of construction of living quarters in the rayon of the city of Kishinev." Kuybyshev, 1960. 16 pp; (Kuybyshev Medical Inst); 280 copies; price not given; (KL, 21-60, 130)

ZAYTSEVA, G.N.; BELOZERSKIY, A.N.; NOVOZHILOVA, L.P.

Phosphorus compounds of *Azotobacter vinelandii* during the development of the culture. *Biokhimiya* 24 no.6:1054-1065 N-D '59.
(MIRA 13:5)

1. The Faculty of Biological and Soil Sciences, the State University, Moscow.

(PHOSPHATES metab.)
(AZOTOBACTER metab.)

NOVOZHILOVA, L. P., NEYFAKH, YE. A.

"Modification of the Quantitative Method for Determining Succinic Dehydrogenase with the Aid of Terazolium Salts."

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec 1960.

Institute of Chemical Physics, Academy of Sciences USSR, Moscow.

ZAITSEVA, G.N.; BELOZERSKIY, A.N.; NOVOZHILOVA, L.P.

Studying phosphorus compounds in developing *Azotobacter vinelandii*
by the use of D32. *Biokhimiia* 25 no.2:198-210 Mr-Apr '60.

(MIRA 14:5)

1. Biologo-pochvennyy fakul'tet Gosudarstvennogo universiteta im.
M.V.Lomonosova, Moskva.
(AZOTOBACTER) (PHOSPHORUS METABOLISM)

ZAYTSEVA, G.N.; BELOZERSKIY, A.N.; NOVOZHILOVA, L.P.

Effect of calcium ions on nitrogen and phosphorus metabolism in
Azotobacter vinelandii. Mikrobiologiya 29 no.3:343-350 Ky-Je '60.
(MIRA 13:7)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. M.V. Lomonosova.

(AZOBACTER)

(CALCIUM—PHYSIOLOGICAL EFFECT)

(NITROGEN METABOLISM)

(PHOSPHORUS METABOLISM)

L-22454-66 EWT(d)

ACC NR: AP6005004

SOURCE CODE: UR/0106/66/000/001/0079/0080

AUTHOR: Grodnev, I. I.; Novozhilova, L. V.

ORG: none

TITLE: Shielding SHF electromagnetic field

SOURCE: Elektrosvyaz, no. 1, 1966, 79-80

TOPIC TAGS: electromagnetic shielding, SHF

ABSTRACT: Formulas for calculating SHF shields, for TM and TE modes, are analyzed, and a numerical example of a copper cylindrical 3-cm diameter shield (frequencies up to 10^{11} cps) is presented. The mathematical structure of the shield-design formulas for TM, TE, and TEM (lower frequencies) modes is the same. The shield-caused attenuation consists of two parts: absorption attenuation A_a due to eddy-current heat loss and reflection attenuation A_r . The shield effect due to A_a increases with frequency and shield thickness; the A_a vs. frequency curve is monotonous for all frequencies. The A_r vs. frequency curve is periodic at SHF because the wavelength becomes comparable to the shield dimensions. Orig. art. has: 4 figures and 6 formulas.

SUB CODE: 09 / SUBM DATE: 06Apr65 / ORIG REF: 001 / OTH REF: 001

Card 1/1

UDC: 621.315.212

27
B

USSR/Cultivated Plants. Fodder Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68210

Author : Kalinkevich, A. F., ~~Novozhilova, H. G.~~
Inst : All-Union Scientific Research Institute of
Fertilizers and Agricultural Soil Science.
Title : The Role of Nutrition for the Ripening of
Clover Heads.

Orig Pub : Byul. nauchno tekhn. inform. Vses. n.-i. in-t
udob. i veropodkorm., 1957, No 3, 25-27

Abstract : Pot experiments in a nutrition laboratory
have demonstrated that when the phosphorous
and potassium nutrition of clover under an
oat cover is improved and it is fertilized
in its fruit bearing year with nitrogen, it
is possible to shorten the flowering time and
to accelerate ripening of clover heads. -- V.
Koperzhinskiy

Card : 1/1

70

NOVOZHILOVA, M.I.

RUKINA, Ye.A.; NOVOZHILOVA, M.I.

Species of yeasts isolated from various depths of Black Sea. Trudy
Inst. mikrobiol. no.2:150-156 '52. (MLRA 5:12)
(WATER, bacteriology,
yeasts in Black Sea)
(YEASTS,
in Black Sea)

1. Introduction

Abstract: "This article discusses the role of the Soviet Union in the development of the world economy, and the impact of the Soviet Union on the world economy. (Vestnik Akademi Nauk SSSR, Moscow, 1979)"

SO: 30, 11, 1979, 11

NOVOZHILOVA, M.I.
USSR/Biology - Yeast

FD-1416

Card 1/1 : Pub. 73 - 5/11

Author : Kriss, A. Ye. and Novozhilova, M. I.

Title : Do yeast organisms inhabit the seas and oceans?

Periodical : Mikrobiologiya, 23, 6, 669-683, Nov-Dec 1954

Abstract : The incidence of *Torulopsis*, *Rhodotorula*, and *Sporobolomyces* yeast species and variants in the Black Sea, Sea of Okhotsk, and Pacific Ocean at various depths and at different distances from land masses was investigated in detail. Methods of sampling and culturing are described. The results of the investigations are presented on nine charts and three graphs. Ten Soviet and two non-Soviet references are cited.

Institution : Institute of Microbiology, Academy of Sciences USSR

Submitted : July 5, 1954

NOVOZHILOVA, M.I.

Quantitative characteristics, species, and distribution of yeasts in the Black Sea, the Sea of Okhotsk, and in the Pacific Ocean. Trudy Inst.mikrobiol. no.4:155-195 '55.

(YEASTS,

(MLRA 9:1)

in sea water)

(WATER,

sea water, yeasts)

NOVOZHILOVA M.I

MD Kinetics of bacterial cell counts and biomass in water layers in the Rybin reservoir. M. I. Novozhilova. *Mikrobiologiya* 24, 710-17 (1955).—Cell counts and biomass detns. varied widely in samples from the Rybin reservoir (max. depth 19 m.) according to season, location (near or far from stream outlets), and depth. In some locations the organisms produced 4 generations/day, in others less than 1. In late



June total cell count dropped sharply but saprophyte cell counts increased. Seasonal variations are related to plankton content of the water; bacterial biomass does not fall lower than the zooplankton biomass and is 0.034 mg./l. on the av. Julian F. Smith

NOVOZHILOVA, M.I.

Generation time of bacteria and the production of bacterial biomass
in Rybinsk Reservoir water [with summary in English]. Mikrobiologiya
26 no.2:202-209 Apr '57. (MIRA 10:10)

1. Nauchno-issledovatel'skaya biologicheskaya stantsiya "Borok"
AN SSSR.

(WATER SUPPLY, microbiol.

generation time of bact. & prod. of bact. biomass in
reservoir waters (Rus))

(BACTERIA

same)

NOVOZHILOVA, M.I.

Distribution of yeastlike organisms in bodies of water and their role
as food of aquatic invertebrates. Trudy Inst. mikrobiol. i virus.
AN Kazakh SSR 2:247-257 '58 (MIRA 11:10)
(YEAST)
(HYDROBIOLOGY)

NOVOZHILOVA, M.I.

Bacterial population in the water of Rybinsk Reservoir.

Trudy Biol. sta. "Berek" no.3:52-65 '58.

(Rybinsk Reservoir--Bacteria)

(MIRA 11:9)

ROZANOVA, Ye.P., NOVOZHILOVA, M.I.

Quantitative distribution and specific composition of yeasts in
Rybinsk Reservoir [with summary in English]. Mikrobiologiya
27 no.3:371-376 My-Je '58 (MIRA 11:9)

1. Institut biologii vodokhranilishch AN SSSR "Borok."
(WATER SUPPLY, microbiology,
yeasts in reservoirs (Rus))
(YEASTS,
in water reservoirs (Rus))

NOVOZHILOVA, M.I.; TYUPEN'KOVA, N.L.

Accumulation of the biomass of feed yeast on hydrolysates of wild
reeds. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:81-85 '59.
(MIRA 13:2)

(YEAST) (REED (BOTANY))

NOVOZHILOVA, M.I.

Microbiological features of Lake Balpash-Sor. Trudy Inst. Kraev. pat.
AN Kazakh. SSR 7:65-72 '59. (MIRA 13:3)
(BALPASH-SOR, LAKE (KOKCHETAU PROVINCE)--MICRO-ORGANISMS)

KRASHENINNIKOVA, S.A.; NOVOZHILOVA, M.I.

Microbiological study of Beloye Lake in Vologda Province [with
summary in English]. Mikrobiologiya 28 no.1:80-85 Ja-F '59.

(MIRA 12:3)

1. Institut biologii vodokhranilishch AN SSSR.
(BELOYE LAKE--BACTERIA)

NOVOZHILOVA, M.I.; BALKASHEVA, L.U.

Some data on the problem of the influence of salinity on
microorganisms found in Balpash-Sor Lake. Trudy Inst.
mikrobiol. i virus. AN Kazakh. SSR 4:47-52 '61. (MIRA 14:4)
(BALPASH-SOR, LAKE (KAZAKHSTAN)--MICROBIOLOGY)
(SALINITY)

NOVOZHILOVA, M.I.; BALKASHEVA, L.U.

Microbiological characteristics of the water mass of some lakes in
Kokchetav Province. Trudy Inst. mikrobiol. i virus. AN Kazakh.
SSR 4:59-64 '61. (MIRA 14:4)
(KOKCHETAV PROVINCE—LAKES) (MICROBIOLOGY)

NOVOZHILOVA, M.I.; YANOVSKAYA, D.L.; BALKASHEVA, L.U.

Characteristics of microbiological and chemical processes in Lake
Karabotan. Trudy Inst.mikrobiol.i virus.AN Kazkah.SSR 6:106-118
'62. (MIRA 15:8)

(KARABOTAN, LAKE--BATHS, MOOR AND MUD)

YANOVSKAYA, D.L.; NOVOZHILOVA,M.I.; FROLOVA, L.F.;

Microbiology and chemistry of Lake Karabotan. Report No.1:
Composition of organic substances in the silt deposits of
Lake Karabotan. Trudy Inst. mikrobiol. i virus. AM Kazakh.
SSR 7:177-182 '63 (MIRA 16:11)

Microbiology and chemistry of Lake Karabotan. Report No.2:
Seasonal changes in the amount of micro-organisms in Lake
Karabotan. Ibid.:183-194

Microbiology and chemistry of Lake Karabotan. Report No.3:
Antibacterial properties of the therapeutic mud of Lake
Karabotan. Ibid.:195-201

NOVOZHILOVA, M.S., inzh.

Conditions for selection of power for the motor of a mine hoisting machine. Izv. vys. ucheb. zav. energ. 3 no.2:41-44 F '60.

(MIRA 13:2)

L.Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Predstavlena kafedroy elektrotehniki.

(Electric motors) (Mine hoisting)

NOVOZHILOVA, M.S., inzh.

Conditions for starting a two-motor drive of a mine hoisting system. Izv.vys. ucheb. zav.; energ. 4 no.8:22-27 Ag '61.

(MIRA 14:8)

1. Dnepropetrovskiy gornyy institut imeni Artema. Predstavlena kafedroy elektrotehniki.

(Mines and mineral resources)

(Hoisting machinery)

NOVOZHILOVA, M.S., inzh.

Concerning certain operational features of two-motor drives
of unbalanced mine hoist systems. Izv. vys. ucheb. zav.;
energ. 5 no.1:43-49 Ja '62. (MIRA 15:2)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artema. Predstavlena kafedroy elektrotekhniki.
(Hoisting machinery—Electric driving)
(Electricity in mining)

Novozhitova, M. V.

5

MT Swelling of cellulose in liquids of various dielectric constants. S. V. Gerasimov and M. V. Novozhitova. *Voprosy Drevesinovedeniya, Gosizdatkhim* (Moscow-Leningrad) *Sbornik Trud.* 1953, 37-49; *Referat. Zhur., Khim.* 1954, No. 45679. —The changes in wt. and linear dimensions of pine, beech, and oak wood after steeping for 50 days in liquids of various dielec. const. were studied. As the dielec. const. of the liquid decreased, the swelling of the wood diminished and its compression strength increased. In liquids with a dielec. const. of 1.8-2.3 (benzine, kerosene, turpentine, m-xylene, and CCl₄) the tangential swelling of the wood did not exceed 0.8% and the compression strength was twice as much as that of the original wood with 15% moisture content. M. Hosh...

2 May

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NOVOZHILOVA, M. YE.

USSR/Electricity
Ohm Meters
Water - Research

Nov/Dec 1947

"Ohm Meter With Regulated Coefficient," C. K. Vladimirov, M. Ye.
Novozhilova, 1½ pp

"Razvedka Nedr" No 6

Standard resistance meters produced by Russian industry are not suited for studying fresh waters of high specific resistance. To make possible the use of the present apparatus for measurements in all cases, it is necessary to design a resistance meter with a coefficient that can be varied within the limits of 0.005 to 0.5 in measuring specific resistance in ohm meters. Describes such device.

PA 57T16

NOVOZHILOVA, M. YE.

USSR/Geophysics - Electric Field of Earth

21 Dec 52

"New Type of Electric Field in the Earth," A. V. Veshev, A. S. Semenov and M. Ye Novozhilova, All-Union Sci-Res Inst of Survey Geophysics

"DAN SSSR" Vol 87, No 6, pp 939-941

Certain anomalies in terrestrial elec field were found in 1939 by V. P. Bogdanov and in 1945 by V. A. Vedernikov, Author confirmed these facts in 1951 and established their connection with an unknown natural elec field. Presented by Acad O. Yu. Schmidt
30 Oct 52

PA 240T83

Novozhilova, M. Ye.
USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36465

Author: Semenov, A. S., Novozhilova, M. Ye.

Institution: None

Title: Effect of Concentration and Temperature of Solution on the Polarization of Copper Nonpolarizing Electrodes

Original
Periodical: Collection: Geofizicheskiye metody razvedki, Moscow, Gosgeoltekhizdat, 1955, 46-53

Abstract: The diffusion of ions of copper sulfate in the soil, changes in the temperature or in the evaporation, and also the addition of solution to the electrodes, all may produce various concentrations of the solution in the electrodes of a given pair. This difference in concentration will produce between the electrodes an additional difference of potential ΔU_c , consisting of a difference of electrode potentials ΔU_{ep} and a difference of potential caused by diffusion of the ions between electrodes, ΔU_d . By expressing ΔU_{ep} and ΔU_d

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USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36465

Abstract: in terms of the known electrochemical equations, we obtain for ΔU_c the following expression

$$\Delta U_k = \left(1 - \frac{U_+ - U_-}{U_+ + U_-} \frac{RT}{nF} \ln \frac{2m_2}{m_1}\right) \quad (1)$$

where R is the gas constant, F the Faraday number, n the valence of the ions in the solution, T the absolute temperature, m_1 and m_2 the concentration of the solution of the first and second electrodes, γ_1 and γ_2 the coefficients of activity of the solutions of the first and second electrodes, and U_+ and U_- the mobilities of the cation Cu^{2+} and of the anion SO_4^{2-} and the solution of the copper sulfate. Values are given for ΔU_c calculated for various values of m_2 and γ_2 , for $T = 298^\circ$, $m_1 = 1.43$, $\gamma_1 = 0.039$, $U_+ = 53$, and $U_- = 79.5$ (the values of ΔU_c fluctuate from 0.68 mv at $m_2 = 1.3$ and $\gamma_2 = 0.68$ to 57.0 mv at $m_2 = 0.002$ and $\gamma_2 = 0.62$). The experimental data obtained for the VIRG electrodes are in good agreement with the calculated ones. To insure a constant polarization of the electrodes with an accuracy of one mv, it is essential that the discrepancy in the concentrations of the solutions in both electrodes not exceed 10 to 20%. Since electrodes

Card 2/4

USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36465

Abstract: with unsaturated solutions are no less reliable than those with saturated solutions, one can recommend their extensive use. The principal factor causing a change in the polarization of electrodes upon change in the difference of T of the electrodes themselves is the change in the quantity ΔU_{ep} , which equals the difference

$$U_{ep2} - U_{ep1} = E_0'' - E_0' + \frac{RT_2}{nF} \ln \gamma_{2m_2} - \frac{RT_1}{nF} \ln \gamma_{1m_1},$$

where E' and E'' are the standard electrode potentials of the 2 electrodes. Taking $T_0 = 298^\circ$, $E_0' = +340$ mv, and putting $\gamma_{1m_1} = \gamma_{2m_2} = \gamma_0^{m_0}$, we find that the increment of the difference of potential for one degree is

$$\eta = \frac{\Delta U_{ep}}{\Delta T} = \frac{1}{T_0} \left[E_0 + \frac{RT_0}{nF} \ln \gamma_0^{m_0} \right]. \quad (2)$$

Calculations show that when m_0 changes from 1.43 to 0.002 and when γ_0 changes from 0.039 to 0.62, η changes from 1.02 to 0.8 mv/deg. Equation (2) is approximate, since the values of γ and U for various values of T are not known accurately. The experimental value of η is 20-30% smaller than the theoretical one, which may be explained by the influence of the supplementary factors, not

Card 3/4

USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36465

Abstract: taken into account in the theoretical calculations. Since the difference in the value of T of the electrodes affects substantially the polarization of the electrodes, one must take measures to insure a minimum difference of electrode temperature under working conditions, for example by increasing their thermal inertia.

Card 4/4

NOVOZHILOVA, M. YE.

SEMENOV, A.S.; NOVOZHILOVA, M.Ye.; VESHEV, A.V.

"Varying natural electric field" in the earth. Vop.rud.geofiz.
no.1:83-113 '57. (MIRA 10:10)

(Terrestrial electricity)

NOVOZHILOVA, M.Ye.

Field of a polarized sphere in the presence of a contact. Vop.
rud.geofiz. no.1:114-119 '57. (MIRA 10:10)
(Prospecting--Geophysical methods) (Electric fields)

SOV/169-59-7-6722

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 7, p 30 (USSR)

AUTHORS: Semenov, A.S., Fokin, A.F., Veshev, A.V., Novozhilova, M.Ye.

TITLE: The Field of a Point [✓]Source of Current on a Plane Day Surface in the Case of an Anisotropic Medium

PERIODICAL: Tr. Vses. n.-i. in-ta metodiki i tekhn. razvedki, 1958, Nr 1,
pp 210 - 135

ABSTRACT: The results of computing the field of a point source of current placed in a homogeneous anisotropic medium are reported, taking into account the anisotropy coefficient equal to 2. The medium is considered to be homogeneous for simplifying the computations. The formulae for computing the potential and the potential gradient and also for determining the coordinates of the extremal values of the curves of potential and its gradient are cited. The computations are performed for the following cases: an isotropic medium, a medium having horizontal cleavage, that with vertical cleavage, and a medium having cleavage with dip angles of the layers of 30 and 60°. The first part concerns: the

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SOV/169-59-7-6722

The Field of a Point Source of Current on a Plane Day Surface in the Case of an Anisotropic Medium

analysis of the varying form of the curves of potential and its gradient, depending on the dip angle, the anisotropy coefficient, and on the depth of submergence of the current source for profiles oriented in the direction of the strike and dip of the layers. The second part concerns the case of an arbitrary orientation of the investigated profiles relatively to the strike of the cleavage. For the latter case, the formulae for computing the dependence of the potential and its gradient on the medium parameters and on the angle between the direction of the investigated profile and the strike of the layers are quoted. The author assumes that the study of the field of the point-shaped current source in anisotropic media permits the singling out of the field distortions caused by the anisotropy of the rocks from the distortions caused by other factors, and that this fact guarantees a more reliable interpretation of electroprospecting carried out by the method of the charged body.

V.P. Dobrobol'skiy

Card 2/2

SEMENOV, A.S.; FOKIN, A.F.; VESHEV, A.V.; NOVOZHILOVA, M.Ye.

Field of current point source on a flat earth surface located
in an anisotropic substance. Trudy VITR no.1:210-235 '58.
(MIRA 12:1)

(Electric fields) (Anisotropy)

SEMENOV, A.S.; NOVOZHILOVA, M.Ye.

Vertical electric dipole field in an anisotropic medium. Top.
razved. geofiz. no.3:51-96 '64. (MIRA 18:2)

SEMENOV, A.S.; POLIKARPOV, V.K.; NOVICHKOVA, M.Ye.

Effect of the nonuniformity of rocks in studying the zones of
jointing and tectonic disturbances by the method of circular
sounding. Vest. LGU 20 no.24:78-88 '65. (MIRA 19:1)

1. Submitted July 18, 1965.

SHAKH, A.D.; KARASEVA, A.F.; Prinsipali uchastiye: ZHDANOVA, L.A.;
NOVOZHILOVA, N.G.; LEBEDEVVA, Ye.P.

Technical and economic indices of the rubber goods industry
for 1960. Kauch. i rez. 20 no.9:41-45 S '61. (MIRA 15:2)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
(Rubber goods)
(Rubber industry—Labor productivity)

NOVO-SHILOVA, N. I.

USSR/Engineering - Welding

Card : 1/1

Authors : Shishkin, V. Yu., Cand. Tech. Sc.; Novozhilova, N. I., Engineer

Title : Durability of welded joints.

Periodical : Vest. Mash. 34, Ed. 6, 73 - 75, June 1954

Abstract : Experiments were conducted to determine the effect of welding on the original material of the seam. The points of breaking were noted and the limits of breaking strength were compared with those in samples of the original material. Drawings; table; illustration.

Institution : ...

Submitted : ...

NOVICHKINA, N. I.

NOVICHKINA, N. I. --"Concerning the Investigation of the Stability of Compression Members of Welded Trusses." *Dissertation for Degree in Science and Technical Sciences defended at USSR Higher Educational Institutions, Leningrad Order of Lenin Institute of Engineers of Railroad Transport Branch Academy of Sciences, Leningrad, 1955

SC: Novichkina, N. I., 19 Jun 55

* For Degree of Doctor of Technical Sciences

NOVOZHILOVA, N.I., kand. tekhn. nauk; AMERZON, E.A., inzh.

Economics of the manufacture of welded spans. Trudy NII mostov no. 6:
62-85 '59. (MIRA 12:7)

(Bridges, Iron and steel)

NOVOZHILOVA, N.I., kand.tekhn.nauk

Endurance of structural aluminum alloys. Prom. stroi. 40 no.2:34-36
'62. (MIRA 15:7)

1. Nauchno-issledovatel'skiy institut mostostroyeniya.
(Aluminum alloys--Testing)

MODEL', Z.I.; NESVIZHSKIY, Yu.B.; NOVOZHILOVA, N.K.

Theory of T network bridge circuits for combining the output of
high-frequency oscillators. Trudy LPI no.181:92-163 '55.
(MIRA 10:1)

(Oscillators, Electron-tube)

NOVOZHILOVA, N.P.

KONONKOV, P.F.; NOVOZHILOVA, N.P.

Cell multiplication in the stem of onion bulbs before the shooting
out of flower stalks and bulblets. Dokl. AN SSSR 95 no.3:645-648
Mr '54. (MLRA 7:3)

1. Institut genetiki Akademii nauk SSSR. Predstavleno akademikom
T.D. Lyenko. (Onions)

NOVOZHILOVA, M.P.

Comparative study of the effect of X and gamma rays on dry seeds
of the Lutescens 62 wheat. Trudy Inst. gen. no.31:405-408 '64.
(MIRA 17:9)

AFANAS'YEVA, A.S.; NOVOZHILOVA, N.P.

Cell multiplication in normally developing potato tubers.
Trudy Inst.gen.no.22:161-167 '55. (MLRA 9:4)
(Potatoes) (Cell division (Biology))

GLUSHCHENKO, I.Ye., akademik; AFANAS'YEVA, A.S., kand.biolog.nauk;
MOVOZHILOVA, H.P.

Effect of X rays on intracellular changes in certain cereals.
Dokl.Akad.sel'khoz. 24 no.9:3-9 '59. (MIRA 13:1)

1. Institut genetiki Akademii nauk SSSR.
(GRAIN) (X RAYS--PHYSIOLOGICAL EFFECT)

NOVOZHILOVA, N.P.

Studying the process of tissue regeneration in potato tubers
under different conditions. Trudy Inst. gen. no. 27:280-285
'60. (MIRA 13:12)
(Regeneration (Botany)) (Potatoes)

NOVOZHILOVA, N.P.

Cytological studies on the formation of secondary buds in
potatoes. Trudy Inst. gen. no.29:448-455 '62.

(MIRA 16:7)

(Potatoes) (Buds)

NOVOZHILOVA, P.N

6-1-16/16

AUTHOR: None Given

TITLE: Chronicles (Khronika)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 1, pp. 79 - 80 (USSR)

ABSTRACT: A conference of the directors of the cartographical printing-offices and of the scientific divisions for map-composition took place in the Central Office for Geodesy and Cartography at the Ministry of the Interior of the USSR from December 16th to December 20th, 1957. This conference was devoted to the problems concerning the state of the cartographical printing-offices GUGK and to the measures required to fulfil the plan for 1958. The representatives of the military-topographical office, the TsNIIGA i K and the MIIGA i K attended this conference. The conference was opened by the director of the GUGK (Central Office for Geodesy and Cartography), A. N. Baranov. Lectures were held by: 1) The head of the division GUGK - G. V. Artamonov on: "On the performance of the plan by the cartographic printing-offices GUGK within 11 months of the

Card 1/2

OVCHARENKO, Valentina Semenovna; MILOV, Aleksandr Pavlovich; SERIN,
Mikhail Kuz'mich; NOVOSHEILOVA, Pobeda Semenovna; OSIPOV,
M.I., red.; KOTLYAR, M.S., red.; DORODNOVA, L.A., tekhn.red.

[Training construction workers] Podgotovka rabochikh-stroitelei.
Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 34 p.
(MIRA 13:11)

(Building trades--Study and teaching)

S/006/60/000/009/004/006/XX
B012/B060

AUTHOR: Novozhilova, R. N.
TITLE: Ways of Improving Cartographic Products
PERIODICAL: Geodeziya i kartografiya, 1960, No. 9, pp. 3-9

TEXT: A survey is first given regarding the progress achieved in cartography during 1959 and the first half of 1960. The following publications are listed: Two world atlases, in book- and pocket-size formats, the 2nd edition of the geographic atlas for secondary-school teachers, an atlas of geographic discoveries and research, a map of the USSR on a scale of 1 : 2,500,000, a geomorphological map of the USSR on a scale of 1 : 4,000,000, and a map of principal constructions planned for 1959-1965 and the Nauchno-redaktsionnaya kartogostavitel'skaya chast' Glavnago upravleniya geodezii i kartografii (Scientific Editing Department for the Compilation of Maps of the Main Administration of Geodesy and Cartography) achieved important results. Equipments of cartographic institutes were modernized, bases of map series are now used for preparing atlases and

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Ways of Improving Cartographic Products

S/006/60/000/009/004/006/XX
B012/B060

maps, individual elements of map contents are separately recorded in the various originals, the originals of maps are engraved on translucent plastics and drawn in; the preparation of colored maps using color triads, developed by the Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros"yemki i kartografii (Central Scientific Research Institute of Geodesy, Aerial Surveying, and Cartography) led to a 10% increase of production in 1959. At the Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute) blocks of atlases are bound without sewing and bimetallic form are used; the method proposed by I. V. Gurevich of preparing diapositives for the background elements of maps were introduced at the NRKCh; 477 suggestions on rationalization were received between 1959 and the middle of 1960. The second part of the article under consideration indicates ways of further improving production: manual work must be reduced to a minimum, photomechanical processes must be extended, drawing of originals on Whatman paper must be replaced by drawing on translucent plastics. The latter recommendation must be carefully studied by all institutes of the GUGK and VTU, and the best method must be decided upon. The lack of engraving tools and of plastics of desired quality is mentioned in this connection. The mode of preparing forms must be basically modified: the wet collodion process in the preparation of negatives

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Ways of Improving Cartographic Products

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B012/B060

must be discarded in favor of the supercontrast film ФТ-СК (FT-SK) or of the emulsion coating applied in all aerogeodetic centers of the GUGK. The cartographic institutes in Novosibirsk and Sverdlovsk have introduced the "layer removing process" in engraving work, and this process is recommended. Two ways of improving the graininess of plates are indicated: ultrasonics and electrochemical etching. Both methods are at present being examined. Vsesoyuznyy nauchno-issledovatel'skiy institut poligraficheskoy promyshlennosti (All-Union Scientific Research Institute of the Printing and Publishing Industry) has in cooperation with the laboratory and the offset workshop of the printing factory "Krasnoye Znamya" (Red Banner) developed the "Hard Nickel Method" of preparing forms on bimetals for the printing of large-circulation editions exceeding one million of copies. This method is now being introduced at the Novosibirskaya kartograficheskaya fabrika (Novosibirsk Cartographic Institute) and Omskaya kartograficheskaya fabrika (Omsk Cartographic Institute). The following further recommendations are made: use of fast-setting colors in the printing of maps, mechanization of map affixing, use of a plastic layer instead of calico, extensive use of synthetic substances for map and atlas covers. The importance of training qualified personnel is pointed out, and the part played by the NTO organizations is mentioned. Posts in cartographic

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Ways of Improving Cartographic Products

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B012/B060

institutes must be systematically filled with graduates of the MIIGAiK, the NIIGAiK, and the polygraphic institutes. The low production level of the cartographic industry is deplored. Above all, the control system is deficient. Some instruments developed for control purposes are listed: the universal densitometer УННН (UNII), produced by the Ukrainskiy nauchno-issledovatel'skiy institut poligraficheskoy promyshlennosti (Ukraine Scientific Research Institute of the Printing and Publishing Industry); the beta thickness gage БТП-1 (BTP-1) for random control. It is recommended that adequate laboratories be set up at the cartographic institutes of Minsk, Riga, Novosibirsk, and Omsk, assistance being mainly expected from the TsNIIGAiK and the laboratoriya kartograficheskoy poligrafii (Laboratory for Cartographic Polygraphy) ✓

Card 4/4

Novozh. Lova, S.I.

3(5) PHASE I ROCK EXPLOITATION 507/2938

Academiya nauk SSSR, Bashkiriy filial. Gorno-geologicheskii Institut Voprosy geologii i nefteprometeli devonianskii oblasti zapadnoy Bashkirii i sashkirskiy oblasti materiyal nauchoy sessii (1957) (Bashkirian and Oil-bearing Devonian Sediments of Western Bashkirya and 748 copies printed. 1958. 17 p. 748 copies printed. Ed. V. V. Sidorenko, Tech. Ed.: I. G. Shaflin; Editorial Board: S. E. Kraus, (Rep. Eds.: M. F. Kuznetsov, I. S. Ogarinov, A. I. Olli, L. E. Rozanov, E. R. Timarginin, and A. P. Tyabshera.

PURPOSE: The book is intended for petroleum geologists. COVERAGE: This book contains papers on the petroleum geology of Bashkiria. These papers were originally read at a conference held in Ufa on December 23-25, 1957. Individual reports discuss the structure, lithology, geochemistry, tectonic structure, and oil-bearing capacities of the Devonian sediments in Bashkirya and adjacent regions. No references are given.

Yegorova, L. Z. Stratigraphy of the Devonian Sediments of the Subpyrenean and Ural-Caucasus Oolites 4

Chubrikova, Ya. V. Results of Spore-Pollen Analysis of the Oils and Oil Waters of Bashkirya 51

Salitvin, D. V. Ashinskaya and Merlinkaya Series 57

Gorin, M. A. Formation Conditions of Rifelian, Clivetian, and Lower Frasnian Sediments of Western Bashkirya 61

Pontnikov, D. V. Lithology, Reservoir Rocks, and Oil-bearing Potential of the Terrigenous Devonian Beds in the Balaevskiy-Shirgortskiy Region 73

Kraus, S. E. Formation Conditions of Terrigenous Middle Devonian Series on the Western Flank of the Southern Urals 77

Maslov, Z. A. Lithology and Facies Characteristics of the Upper Devonian Carbonate Deposits on the Western Flank of the Southern Urals 83

Teodorovich, G. I., and E. Ya. Polunskaya. Study of the Mineralogy and Conditions of Sedimentation of Probable Petroliiferous Devonian Beds in Various Regions of Western Bashkirya 89

Rozanov, E. R. Tectonics of Devonian Sediments and Its Relationship With the Tectonics of Overlying and Underlying Beds 97

Olli, A. I., and V. A. Romanov. Tectonics of Bashkirya at the Beginning of the Middle Devonian 103

Sovashilova, S. I. Tectonic Structures of the Devonian Sediments in the Kuvshinovskiy and Orenburgskaya Oblasts 111

Sechenko, G. A. Morphology of the Folds in the Zone Adjacent to the Marginal Outcropping Capacity of the Devonian and Other Sediments in Southern Bashkirya 119

Kazalinskiy, M. A. Progress of Oil Production From the Devonian Sediments of the Western Flank of the Southern Urals 133

AVAILABLE: Library of Congress (TR874.F915672) Card 4/4

HW/ab 12-21-59

NOVOZHILOVA, S.I.

Tectonic pattern of Paleozoic sediments in Kuybyshev and Chkalov
Provinces. Trudy Giprovtoknefti no.1:76-85 '58. (MIRA 13:9)
(Kuybyshev Province--Geology, Structural)
(Orenburg Provinces--Geology, Structural)

NOVOZHILOVA, S. I., Cand of Geol-Min Sci -- (diss) "Devonian Deposits
of Kuybyshevskaya and Orenburgskaya Oblasts," Kuybyshev, 1959, 19 pp
(Kuybyshev Industrial Institute im V. I. Kuybyshev; Kuybyshev Sci Res
Inst of the Petroleum Industry) (KL, 2-59, 111)

YEGOROVA, L.Z.; NOVOZHILOVA, S.I.

Revising the gneralized stratigraphic scale of Devonian and
Pre-Devonian sediments in Kuybyshev and Orenburg Provinces.
Trudy VNIIGI no. 19:92-96 '59. (MIRA 13:12)
(Kuybyshev Province--Geology, Stratigraphic)
(Orenburg Province--Geology, Stratigraphic)

NOVOZHILOVA, S.I.

Devonian stratigraphy of western Kuybyshev Province. Trudy VEGNI
no.22:113-123 '59. (MIRA 13:11)

1. Giprovtokneft'.
(Kuybyshev Province—Geology, Stratigraphic)

3 (0)

AUTHORS: Lyashenko, A. I., Novozhilova, S. I. SOV/20-125-3-43/63

TITLE: The Problem of the Age and Subdivision of the Upper Devonian Shugurovskaya Suite in the Volga-Ural Region (K voprosu o vozraste i raschlenenii shugurovskoy svity verkhnego devona Volgo-Ural'skoy oblasti)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 3, pp 616-617 (USSR)

ABSTRACT: The suite named in the title is developed in the mentioned region in the Lower Frasnian as a thick, clayey-carbonate, more or less bituminous rock mass (up to 250 m). In complete sections this suite can be subdivided into 3 lithologic packages: a. lower, predominantly carbonate, b. middle, carbonate-clayey, and c. upper, clayey-carbonate. Since the fauna groups occurring in these rocks are insufficiently investigated, there is great difficulty in determining the age of the suite. It was accepted as generally valid that this suite is correlatable with the Khvorostanskiy (Verkheshchigrovskiy) horizon of the central part of the Russian Platform and the Sargayevskiye beds of the Volga-Ural Region. However, this does not agree with the paleogeography and sedimentation history of

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The Problem of the Age and Subdivision of the Upper Devonian Shugurovskaya Suite in the Volga-Ural Region SOV/20-125-3-43/63

Lower Frasnian time (Ref 7). Those sections which contain bitumen-free sediments with a normal marine facies within interbeds of bituminous rocks must be studied. The sections of the eastern part of the Samarskaya Luka (Samara arch) are well suited for this purpose. Here, the two lower packets of the Shugurovskaya suite are developed (formerly called Nizhne- and Verkhne- Zol'nenskaya suites). The age of the Zol'nenskaya suite was previously incorrectly determined (S. I. Novozhilova and L. Z. Yegorova, Refs 1,2,5). The brachiopods were reidentified (Ref 4), and, based on this, a higher age for the Shugurovskaya suite was ascertained. Consequently, the lower package and the underlying sediments (previously seen as Kynovskiye beds) can be correlated with the Archedinskiy horizon. The upper package is viewed as belonging to the Sargayevskiy horizon. The designation Shugurovskaya suite may be used for bituminous sediments of several stratigraphic horizons of the Lower Frasnian Substage. There are 5 Soviet references.

Card 2/3

The Problem of the Age and Subdivision of the Upper Devonian Shugurovskaya Suite in the Volga-Ural Region 30V/20-125-3-43/63

PRESENTED: November 21, 1958, by D. V. Malivkin, Academician

SUBMITTED: November 6, 1958

Card 3/3

NOVOZHILOVA, S.M.

Faunal characteristics of stratigraphic horizons of the terrigenous part of the Devonian in Kuybyshev and Chkalov Provinces and their boundaries. Trudy Giprovtoknefti no.1:35-44 '58. (MIRA 13 9)
(Kuybyshev Province--Geology, Stratigraphic)
(Orenburg Province--Geology, Stratigraphic)

NOVOZHILOVA, T.P.

Excretion of riboflavin in pyodermatites during treatment with
antibiotics. Eksp. i klin. issl. po antibiot. 1:408-412 '58.

(MIRA 15:5)

(SKIN--DISEASES)

(ANTIBIOTICS)

(RIBOFLAVIN)

NOVOZHILOVA, T.P.

Riboflavin content in the blood and its excretion in pyodermitis
during chlortetracycline treatment. Eksp. 1 klin. issl. po antibiot.
2:76-79 '60. (MIRA 15:5)
(RIBOFLAVIN) (SKIN-DISEASES) (AUREOMYCIN)

NOVOZHILOVA, T.P.

Effect of chlortetracycline on the riboflavin balance. Anti-
biotiki 7 no.7:631-635 J1'62. (MIRA 16:10)

1. Leningradskiy institut antibiotikov.
(RIBOFLAVIN) (CHLORTETRACYCLINE)

GAL'PERM, G.D.; KARAULOVA, Ye.N.; NOVOZHILOVA, T.S.

Adsorption of sulfoxides from dilute solutions. Trudy Inst.nefti
13:51-57 '59. (MIRA 13:12)
(Sulfoxide) (Hydrocarbons)

MASLYANSKIY G.M.; BURSIAI, I.R.; MEL'NIKOVA, N.P.; PODOL'SKIY, M.A.;
FEDOROV, A.P.; Prinsipali uchastnye: NOVOZHILOVA, T.S.; DAVYDOVA,
Z.A.; VOLNUKHINA, N.K.

Long service life of a platinum catalyst. Khim.i tekhn. topl. i
masel 7 no.2:5-7 F '62. (MIRA 15:1)

1. Krasnodarskiy filial Vsesoyuznogo nefte-gazovogo nauchno-
issledovatel'skogo instituta i Vsesoyuznyy nauchno-issledovatel'skiy
institut neftekhimicheskikh protsessov.
(Platinum) (Cracking process)

S/081/62/000/018/034/059
B158/B180

AUTHORS: Susanov, Ye. Ia., Novozhilova, T. S., Garanin, I. L.,
Podol'skiy, M. A.

TITLE: Catalytic reforming of narrow fractions of straight-run
gasolines and gas condensates from the Krasnodar region

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 445, abstract
18M133 (Tr. Krasnodarsk. fil. Vses. neftegaz. n.-i. in-ta,
no. 8, 1962, 88-95)

TEXT: Straight-run gasolines and gas condensates from the Krasnodar
region, which contain a large quantity of cyclanes, are a valuable raw
material for the production of aromatic hydrocarbons. Catalytic reforming
of the narrow fractions (60-105°C and 105-140°C) separated from these
forms of crude was carried out with alumino-platinum catalyst AP-56
(AP-56) in a pilotplant. The flow sheet and description are given. The
resulting data show that maximum aromatic hydrocarbon yield is obtained
under the following optimum conditions: for the 60-105°C fraction,

*Card 1/2

Catalytic reforming of narrow ...

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temperature 510°C, volumetric rate 1, pressure 20 atm.; for the
105-140°C fraction, temperature 510°C, volumetric rate 1.5, pressure
38 atm. Under rigorous conditions there is considerable formation of
aromatic hydrocarbons at the expense of the alkanes. The aromatic yield
can be increased 1.2-1.4 times by tightening up process conditions.
[Abstracter's note: Complete translation.]

Card 2/2

ZEBROVSKIY, V.V.; RUBINSHTEYN, F.I.; Primali uchastiye: GORNAYA, R.A.;
KOTOVA, M.A.; GRINFEL'D, Ye.M.; NOVOZHILOVA, V.I.; KURSKAYA, A.G.

Developing the system of corrosion-preventing coatings for the
protection of metals under tropical climate conditions. Lakokras.
mat.i ikh prim. no.3:25-31 '60. (MIRA 14:4)
(Metals--Corrosion) (Protective coatings)

ZHEBROVSKIY, V.V.; LIVSHITS, Kh.M.; KOTOVA, M.A.; NOVOZHILOVA, V.I.

Paint materials based on modified epoxide resins. Report No.2:

Coatings based on epoxy resins modified by diisocyanates.

Lakokras.mat.1 ikh prim. no.1:3-8 '62. (MIRA 15:4)

(Protective coatings) (Epoxy resins)

SAMARINA, V.S.; NOVOZHILOVA, Ye.V.; GRIGOR'YEVA, S.A.

Formation of the salt composition of underground water in some
regions of Central Asia. Vest. LGU 17 no.12:22-31 '62.
(MIRA 15:7)

(Soviet Central Asia--Water, Underground--Composition)

NOVOZHILOVA-KOSULINA, O.N.

The effect of choline on the carbohydrate metabolism of the liver.
Trudy ISGMI 50:135-142 '58. (MIRA 12:1)

1. Kafedra propedevtiki vnutrennikh zabolevaniy (zav. - prof. S.M. Ryss)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(CARBOHYDRATES, metabolism

liver metab. in hepatitis, eff. of choline admin (Rus))

(LIVER, metabolism

carbohydrate metab., eff. of choline admin. in hepatitis
patients (Rus))

(CHOLINE, effects

on liver carbohydrate metab. in hepatitis patients (Rus))

(HEPATITIS, INFECTIOUS, metabolism

carbohydrate metab. in liver, eff. of choline admin. (Rus))

NOVOZHININ, V.; KHALIN, A.; SAMOYLOV, Ye., narodnyy artist RSFSR; GERASIMOV, Aleksandr, narodnyy khudozhnik SSSR; TYUMMEL', Gerbert, novator, Geroy Truda; KRAL, Eduard

Victory of Lenin's ideas. Sov. profsoiuzy 17 no.16:8-9 Ag '61.
(MIRA 14:7)

1. Predsedatel' tsekhovogo komiteta profsoyuza motornogo tsekha No.3 Gor'kovskogo avtozavoda (for Novozhinin). 2. Predsedatel' rabochkoma sveklosovkhoza "Rubtsovskiy", Altayskogo kraya (for Khalin). 3. Avtomobil'nyy zavod "Barkas", g. Karlmarkshtadt (for Tyummel). 4. Rukovoditel' brigady sotsialisticheskogo truda imeni Yuriya Gagarina, zavod ChKD "Stalingrad," Praga (for Kral).
(Communism) (Russia--Economic policy) (Astronautics)